

Clean Version of Pending Claims

ADMINISTRATION AND SEARCH AND REPLACE OF COMPUTERIZED PREPRESS

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62. A computerized prepress method comprising:

storing on a server computer system a computerized prepress software system, wherein the prepress software system includes a downloadable document authoring program and at least one prepress translation component, further wherein the downloadable authoring program includes one or more authoring tools used to author an electronic document and the translation component is used to produce a prepress format file from an authored electronic document;

wherein the downloaded program executes in a web browser and displays the electronic document in WYSIWYG form to the user, and at least one of the authoring tools has one or more functions that allows a user to select and edit at least one element of the electronic document while at least a portion of the electronic document is simultaneously displayed;

the software system further configured to provide that at least one of the authoring tools is adapted to edit an element of the electronic document using the client computer, and that the electronic document is saved on the server computer system in a form allowing the translation component executing on the server computer system to create the prepress format file so that when the prepress format file is used to produce a document the document is consistent with the WYSIWYG form displayed to the user on the client computer, and so that the user need only be concerned with authoring the electronic document and not with the creating a prepress format file, and further so that the authored electronic document can be processed by the server computer system into a prepress format file;

wherein the client computer is one of a plurality of client computers each including a web browser capable of interacting with at least one Internet web site addressed by a uniform resource locator (URL) and the server computer system includes at least one server computer systems connected to the plurality of client computers over the Internet;

sending log-on information regarding a user from a client computer to the server computer system over the Internet and authenticating the user at the server computer system;
downloading the authoring program from the server computer system to the client computer;
the user using at least one authoring tool of the downloaded program at the client computer to edit an element of an electronic document;
saving the electronic document in an internal format at the server computer system; and
using the translation component, translating the electronic document from the internal format to a different suitable prepress format file usable to produce a corresponding document on a printing device .

63. The computerized prepress method of claim 62, wherein the client computer and the server computer system are communicatively coupled to one another through the Internet.

64. The computerized prepress method of claim 62, wherein the client computer and the server computer system are communicatively coupled to one another through an intranet.

65. The computerized prepress method of claim 62, wherein the client computer and the server computer system are communicatively coupled to one another through an extranet.

66. The computerized prepress method of claim 62, wherein authenticating the user at the server computer system comprises associating the user with at least one of a particular directory on the server computer system, a set of defaults regarding fonts, colors, images and commands available to the user, and an authorization level selected from the group of authorization levels essentially comprising normal, administrator, and demonstration.

67. The computerized prepress method of claim 62, wherein the authoring program downloaded from the server computer system to the client computer is coded in a language

selected from the group essentially comprising Perl, Java, C++, C, and ActiveX.

68. The computerized prepress method of claim 62, wherein the electronic document is selected from the group essentially comprising a business card, a letterhead, an envelope, and a brochure.

69. The computerized prepress method of claim 62, wherein the authoring program comprises a color palette area to select a color from a palette of colors.

70. The computerized prepress method of claim 69, wherein the palette of colors comprises the palette of colors available from one selected from the group essentially comprising Pantone, Toyo, Focaltone, and Tru-Match.

71. The computerized prepress method of claim 62, wherein using one of the authoring tools of the authoring program at the client computer to create an electronic document comprises sending desired text from the client computer to the server computer system for translation into an image and sending the image from the server computer system back to the client computer.

72. The computerized prepress method of claim 71, wherein the image is in a format selected from the group essentially comprising GIF, TIFF, and JPEG.

73. The computerized prepress method of claim 71, wherein the image has a maximum resolution of 4:1.

74. The computerized prepress method of claim 62, wherein the document includes one or more images, at least one of the images being in a format selected from the group essentially comprising encapsulated PostScript, TIFF, GIF, and JPEG.

75. The computerized prepress method of claim 74, wherein at least one of the images has a maximum resolution of 1:1.

76. The computerized prepress method of claim 62, wherein the different format file is selected from a group essentially comprising PostScript, HTML, PDF, and PostScript Extreme.

77. The computerized prepress method of claim 62, further including distributing the prepress format file to a location remote from the server computer system for printing at the remote location .

78. The computerized prepress method of claim 77, wherein the electronic mail is MIME-compliant.

79. A computerized prepress system comprising:
a server having stored thereon a computerized prepress software system including a downloadable document authoring program and at least one prepress translation component, further wherein the downloadable authoring program includes one or more authoring tools used to author an electronic document and the translation component is adapted to produce a prepress format file from an authored electronic document;

wherein the downloaded program executes in a web browser and displays the electronic document in WYSIWYG form to the user, and at least one of the authoring tools has one or more functions that allows a user to select and edit at least one element of the electronic document while at least a portion of the electronic document is simultaneously displayed;

the software system further configured to provide that at least one of the authoring tools is adapted to edit an element of the electronic document using the client computer, and that the electronic document is saved on the server computer system in a form allowing the translation

component executing on the server computer system to create the prepress format file so that when the prepress format file is used to produce a document the document is consistent with the WYSIWYG form displayed to the user on the client computer, and so that the user need only be concerned with authoring the electronic document and not with the creating a prepress format file, and further so that the authored electronic document can be processed by the server computer system into a prepress format file; and

wherein the client computer is one of a plurality of client computers each including a web browser capable of interacting with at least one Internet web site addressed by a uniform resource locator (URL) and the server computer system is one of at least one server computer systems connected to the plurality of client computers over the Internet.

80. The computerized prepress system of claim 79, wherein the server, the client and the printer are communicatively coupled to one another through the Internet.

81. The computerized prepress system of claim 79, wherein the server, the client and the printer are communicatively coupled to one another through an intranet.

82. The computerized prepress system of claim 79, wherein the server, the client and the printer are communicatively coupled to one another through an extranet.

83. The computerized prepress system of claim 79, wherein the server comprises an Internet world-wide-web server.

84. The computerized prepress system of claim 79, wherein the server comprises an intranet world-wide-web server.

85. The computerized prepress system of claim 79, wherein the server comprises an extranet world-wide-web server.

86. The computerized prepress system of claim 79, wherein the authoring program runs on the client in an Internet world-wide-web browser program.

87. The computerized prepress system of claim 79, wherein the browser program is selected from the group essentially comprising Netscape Navigator and Microsoft Internet Explorer.

88. The computerized prepress system of claim 79, wherein the authoring program runs on the client in an intranet world-wide-web browser program.

89. The computerized prepress system of claim 79, wherein the authoring program runs on the client in an extranet world-wide-web browser program.

90. The computerized prepress system of claim 79, wherein the authoring program is coded in a language selected from the group essentially comprising Perl, Java, C++, C, and ActiveX.

91. The computerized prepress system of claim 79, wherein the electronic document is selected from the group essentially comprising a business card, a letterhead, an envelope, and a brochure.

92. The computerized prepress system of claim 79, wherein the authoring program comprises a color palette area to select a color from a palette of colors.

93. The computerized prepress system of claim 79, wherein the suitable prepress format file is selected from a group essentially comprising PostScript, HTML, PDF, and PostScript Extreme.

94. The computerized prepress system of claim 79, wherein the printer receives the document from the server via an electronic mail to which the document is included as an attachment.

95. A client computer comprising:

a processor;

a computer-readable medium;

a communications device;

an operating environment program comprising a web browser executed by the processor from the medium; and,

an authoring program downloaded from a server through the communications device and executed by the processor from the medium within the operating environment program, wherein the downloaded program executes in a web browser and displays the electronic document in WYSIWYG form to the user, and at least one of the authoring tools has one or more functions that allows a user to select and edit at least one element of the electronic document while at least a portion of the electronic document is simultaneously displayed;

further wherein the authoring program is adapted to provide that the authoring tools edit an element of an electronic document and that the electronic document is saved on the server computer system in a form allowing a translation program executing on the server computer system to create the prepress format file so that when the prepress format file is used to produce a document the document is consistent with a WYSIWYG image displayed to the user on the client computer by the authoring program, and so that the user need only be concerned with authoring the electronic document and not with the creating a prepress format file, and further so that the authored electronic document can be processed by the server computer system into a prepress format file.

96. The client computer of claim 95, wherein the computer-readable medium is selected from the group essentially comprising memory and a nonvolatile storage medium.

97. The client computer of claim 95, wherein the communications device is selected from the group essentially comprising a modem and a network card.

98. The client computer of claim 95, wherein the operating environment program comprises an Internet world-wide-web browser program.

99. The client computer of claim 95, wherein the operating environment program comprises an intranet world-wide-web browser program.

100. The client computer of claim 95, wherein the operating environment program comprises an extranet world-wide-web browser program.

101. A server computer system comprising:

- a processor;

- a computer-readable medium;

- a communications device;

- an authoring program stored on the computer-readable medium for downloading through the communications device and use by a client computer to create an electronic document, wherein the authoring program includes one or more document authoring tools and further wherein at least some of the authoring tools are adapted to author an electronic document;

- wherein the downloadable authoring program is adapted to execute in a web browser and display the electronic document in WYSIWYG form to the user, and at least one of the authoring tools has one or more functions that allow a user to select and edit at least one element of the electronic document while at least a portion of the electronic document is simultaneously displayed;

- the authoring program adapted to provide that the authoring tools edit an element of an electronic document and that the electronic document is saved on the server computer system in a form allowing a translation program executing on the server computer system to create the prepress format file so that when the prepress format file is used to produce a document the document is consistent with a WYSIWYG image displayed to the user on the client computer by

the authoring program, and so that the user need only be concerned with authoring the electronic document and not with the creating a prepress format file, and further so that the authored electronic document can be processed by the server computer system into a prepress format file; and,

the translation program executed by the processor from the computer-readable medium .

102. The server computer system of claim 101, wherein the computer-readable medium is selected from the group essentially comprising memory and a nonvolatile storage medium.

103. The server computer system of claim 101, wherein the communications device is selected from the group essentially comprising a modem and a network card.

104. A computer-readable medium having a computer program stored thereon for downloading to a client computer from a server computer system and for execution on the client computer within an operating environment program, the program comprising means for creating a document, which is uploaded to the server through a communications device for translation to a suitable prepress format and submission to a printer.

105. A computer-readable medium having a computer program stored thereon for execution on a server computer system, the program comprising:

means downloadable to a client computer for creating a document; and,

means for translating the document to a suitable prepress format and for sending the document as translated to a printer through a communications device of the server computer system.